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Notice of Allowability	Application No.	Applicant(s)	
	10/087,452	SHARMA ET AL.	
	Examiner	Art Unit	
	Duc C. Ho	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the telephone interview on 06-02-06.
2. ☒ The allowed claim(s) is/are 1-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>06-02-06</u>. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|---|

EXAMINER 'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Himanshu S. Amin on 06-02-06, and 06-15-06.

The application has been amended as follows:

In the claims:

Claims 11-17 have been amended as presented below.

11. (Currently Amended) A computer-readable medium having a computer program that when executed causes:

requesting the friendly name of Bluetooth devices until a name server is found, the name server found by determining after each request if the friendly name of the requested Bluetooth device contains a marker indicating that the requested Bluetooth device is a name server;

obtaining a list of friendly names the name server has cached; and

requesting the friendly name of each remaining Bluetooth device that has not been determined.

12. (Currently Amended) The computer-readable medium of claim 11 further having stored thereon a data structure comprised of a first portion of a data field containing data

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representing a friendly name of a device, a second portion of the data field containing data for determining if the device has name server capability and a third portion of the data field containing flags for determining further information about the device.

13. (Original) The computer-readable medium of claim 12 wherein the flags include an indication of how long the device has had a list of friendly names if the device is a name server.

14. (Original) The computer-readable medium of claim 13 wherein the flags include a version number.

15. (Original) The computer-readable medium of claim 13 wherein the flags include an estimate of a remaining battery life of the device.

16. (Original) The computer-readable medium of claim 13 wherein the flags include an indication of an up-time of the device.

17. (Original) The computer-readable medium of claim 13 wherein the flags include server statistics if the device is a server.

Reason for Allowance

2. Regarding claims 1-6, the prior art fails to teach or suggest a method to obtain a friendly name for Bluetooth devices responding to inquiry comprising the steps requesting the friendly name of Bluetooth devices until a name server is found, the name server found by determining after each request if the friendly name of the requested Bluetooth device contains a marker indicating that the requested Bluetooth device is a name server; obtaining a list of friendly names

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the name server has cached; requesting the friendly name of each remaining Bluetooth device that has not been determined, as specified in the independent claim 1.

Regarding claims 7-10, the prior art fails to teach or suggest a method to find a name server comprising the steps of: b) determining if the friendly name contains a marker indicating that the Bluetooth device is a name server; c) if the friendly name does not contain the marker, repeating steps a and b for additional Bluetooth devices until the marker is found; and d) if the friendly name contains the marker, identifying the Bluetooth device as a name server, as specified in the independent claim 7.

Regarding claims 11-17, the prior art fails to teach or suggest a computer-readable medium having a computer program that when executed causes: requesting the friendly name of Bluetooth devices until a name server is found, the name server found by determining after each request if the friendly name of the requested Bluetooth device contains a marker indicating that the requested Bluetooth device is a name server; obtaining a list of friendly names the name server has cached; and requesting the friendly name of each remaining Bluetooth device that has not been determined, as specified in the independent claim 11.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc Ho whose telephone number is (571) 272-3147. The examiner can normally be reached on Monday through Friday from 7:00 am to 3:30 pm.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (571) 272-3134.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner



Duc Ho

06-15-06